

File 9:Business & Industry(R) Jul/1994-2007/Sep 06  
(c) 2007 The Gale Group

File 15:ABI/Inform(R) 1971-2007/Sep 12  
(c) 2007 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2007/Sep 10  
(c) 2007 The Gale Group

File 20:Dialog Global Reporter 1997-2007/Sep 13  
(c) 2007 Dialog

File 47:Gale Group Magazine DB(TM) 1959-2007/Aug 29  
(c) 2007 The Gale group

File 75:TGG Management Contents(R) 86-2007/Aug W4  
(c) 2007 The Gale Group

File 80:TGG Aerospace/Def.Mkts(R) 1982-2007/Sep 05  
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File 88:Gale Group Business A.R.T.S. 1976-2007/Sep 04  
(c) 2007 The Gale Group

File 98:General Sci Abs 1984-2007/Jul  
(c) 2007 The HW Wilson Co.

File 112:UBM Industry News 1998-2004/Jan 27  
(c) 2004 United Business Media

File 141:Readers Guide 1983-2007/Jun  
(c) 2007 The HW Wilson Co

File 148:Gale Group Trade & Industry DB 1976-2007/Sep 07  
(c)2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 264:DIALOG Defense Newsletters 1989-2007/Sep 12  
(c) 2007 Dialog

File 484:Periodical Abs Plustext 1986-2007/Sep W2  
(c) 2007 ProQuest

File 553:Wilson Bus. Abs. 1982-2007/Aug  
(c) 2007 The HW Wilson Co

File 570:Gale Group MARS(R) 1984-2007/Sep 06  
(c) 2007 The Gale Group

File 620:EIU:Viewswire 2007/Sep 03  
(c) 2007 Economist Intelligence Unit

File 613:PR Newswire 1999-2007/Sep 13  
(c) 2007 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2007/Sep 06  
(c) 2007 The Gale Group

File 623:Business Week 1985-2007/Sep 13  
(c) 2007 The McGraw-Hill Companies Inc

File 624:McGraw-Hill Publications 1985-2007/Sep 13  
(c) 2007 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2007/Sep 12  
(c) 2007 San Jose Mercury News

File 635:Business Dateline(R) 1985-2007/Sep 13  
(c) 2007 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2007/Sep 10  
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File 647:CMP Computer Fulltext 1988-2007/Sep W4  
(c) 2007 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2007/Sep 13  
(c) 2007 Dialog

File 674:Computer News Fulltext 1989-2006/Sep W1  
(c) 2006 IDG Communications

File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	12968	VXML OR VOICEXML OR (VOICE OR V)()XML OR (VOICE OR SPEECH)-(3N)(MARKUP OR MARK()UP)
S2	4668803	VOICE OR SPEECH
S3	56127	S2(4N)(INPUT? ? OR INPUTTING OR INPUTTED OR COMMAND? ? OR - INSTRUCT???? OR REQUEST?)
S4	51057153	OPERATION? ? OR OPERAT??? OR ACTION? ? OR PROCEDURE? ? OR - PROCESS?? OR TASK? ? OR STEP? ? OR EVENT??
S5	2328193	S4(4N)(DEFIN? OR DETERM? OR GENERAT? OR IDENTIFY? OR ASSES- S? OR FIND? ? OR FINDING OR SPECIF?)
S6	155572	(S2 OR S3)(4N)(MAP OR MAPPING OR MAPS OR MAPPED OR ASSOCIA- T? OR LINK? OR MATCH? OR CORRELAT? OR CORRESPOND? OR RELAT?)
S7	10030428	WINDOW? ? OR GUI OR GRAPHICAL()USER()INTERFACE? ? OR BOX OR SCREEN? ? OR DISPLAY? ?
S8	1871694	INTERPRET?
S9	12755	S8(5N)(START? OR BEGIN? OR ACTIVAT? OR STARTUP OR START()UP OR LAUNCH?)
S10	108722	(S2 OR S3)(4N)(MONITOR? OR DETECT? OR SENS? OR ANALY? OR E- VALUAT? OR DETERMIN? OR FIND? ? OR FINDING)
S11	34292	MULTIMODAL OR MULTI()MODAL
S12	737271	BROWSER? ?
S13	3933	AU=(CROSS, C? OR CROSS C? OR WILSON, L? OR WILSON L? OR WO- ODWARD, S? OR WOODWARD S?)
S14	7323491	FOCUS
S15	0	S13 AND S1
S16	116	S1(S)S5
S17	13	S16(S)S6
S18	1	S17(S)(S11 OR S12)
S19	1	S18 NOT PY=>2004
S20	12	S17 NOT S19
S21	12	S20 NOT PY=>2004
S22	5	RD (unique items)
S23	10	S16(S)S8
S24	1	S23(S)S14
S25	1	S24 NOT (S22 OR S19)
S26	0	S25 NOT PY=>2004
S27	10	S23 NOT (S22 OR S19)
S28	8	S27 NOT PY=>2004
S29	4	RD (unique items)
S30	9906	S3(S)S7
S31	161	S30(S)S14
S32	2	S31(S)S8
S33	2	S32 NOT (S22 OR S19 OR S29)
S34	1	S33 NOT PY=>2004
S35	5	S31(S)S11
S36	5	S35 NOT (S22 OR S19 OR S29 OR S34)
S37	5	S36 NOT PY=>2004
S38	4	RD (unique items)
S39	136	S10(S)S11
S40	7	S39(S)S12
S41	7	S40 NOT (S38 OR S22 OR S19 OR S29 OR S34)

S42 2 S41 NOT PY=>2004  
S43 2 RD (unique items)

19/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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10574455 Supplier Number: 104578167 (USE FORMAT 7 FOR FULLTEXT)  
**Spatial data talks back with VoiceXML.**  
DeCurtins, Peter R.  
Geospatial Solutions, v13, n6, p35  
June, 2003  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; General  
Word Count: 1921

... and scripts. Employing hyperlinks and scripting, VoiceXML enables users to navigate a site via a **voice browser**. The **links** and scripts **specify** how the **voice browser processes** information prior to submitting form results to a Web server. Similar to HTML-based counterparts, **VoiceXML** hyperlinks simply direct the execution of the form to a different voice dialog on the same or a different **VoiceXML** page. Likewise, the **VoiceXML** implementation of JavaScript uses voice form input to perform conditional logic and decision-making steps...  
?

22/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08632531 Supplier Number: 74527779 (USE FORMAT 7 FOR FULLTEXT)  
**REPEAT/Gold Systems, Inc. CEO to Present Latest Technology for the Voice Web At 4th Annual V-World Conference.**  
Business Wire, p0933  
May 15, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 650

... enterprises, telecommunications carriers and e-businesses around the world increase revenues and improve customer satisfaction. **Specifically**, the **event** will feature business tracks that examine the customer and business benefits, return on investment and revenue generation opportunities **associated** with the **Voice** Web and voice-enabled applications. Technical tracks will discuss new approaches to voice interface design, working with **VoiceXML** and how to develop a more robust voice-enabled application. The event will also feature...

22/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08628555 Supplier Number: 74506316 (USE FORMAT 7 FOR FULLTEXT)

File 2:INSPEC 1898-2007/Sep W1  
(c) 2007 Institution of Electrical Engineers  
File 6:NTIS 1964-2007/Sep W2  
(c) 2007 NTIS, Intl Cpyrght All Rights Res  
File 8:Ei Compendex(R) 1884-2007/Sep W1  
(c) 2007 Elsevier Eng. Info. Inc.  
File 34:SciSearch(R) Cited Ref Sci 1990-2007/Sep W1  
(c) 2007 The Thomson Corp  
File 35:Dissertation Abs Online 1861-2007/Jul  
(c) 2007 ProQuest Info&Learning  
File 56:Computer and Information Systems Abstracts 1966-2007/Aug  
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File 57:Electronics & Communications Abstracts 1966-2007/Jul  
(c) 2007 CSA.  
File 65:Inside Conferences 1993-2007/Sep 04  
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File 95:TEME-Technology & Management 1989-2007/Sep W1  
(c) 2007 FIZ TECHNIK  
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Jul  
(c) 2007 The HW Wilson Co.  
File 144:Pascal 1973-2007/Sep W1  
(c) 2007 INIST/CNRS  
File 239:Mathsci 1940-2007/Oct  
(c) 2007 American Mathematical Society  
File 256:TecInfoSource 82-2007/Feb  
(c) 2007 Info.Sources Inc  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning  
File 483:Newspaper Abs Daily 1986-2007/Sep 09  
(c) 2007 ProQuest Info&Learning

**21/3,K/1 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2007 Institution of Electrical Engineers. All rts. reserv.

08606199 INSPEC Abstract Number: C2003-06-6115-005

**Title: An extension to VoiceXML with semantic tagging support and its application**

Author(s): Xie Wei-kai; Shi Yuan-chun; Xu Guang-you

Author Affiliation: Dept. of Comput. Sci., Tsinghua Univ., Beijing, China

Journal: Mini-Micro Systems vol.23, no.12 p.1419-24

Publisher: Mini-Micro Syst., China,

Publication Date: Dec. 2002 Country of Publication: China

CODEN: XWJXEH ISSN: 1000-1220

SICI: 1000-1220(200212)23:12L.1419:EVWS;1-B

Material Identity Number: C611-2003-001

Language: Chinese

Subfile: C

Copyright 2003, IEE

**Title: An extension to VoiceXML with semantic tagging support and its**

File 348:EUROPEAN PATENTS 1978-2007/ 200735

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070906UT=20070830

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	723	VXML OR VOICEXML OR (VOICE OR V)()XML OR (VOICE OR SPEECH)-(3N)(MARKUP OR MARK()UP)
S2	113024	VOICE OR SPEECH
S3	22943	S2(4N)(INPUT? ? OR INPUTTING OR INPUTTED OR COMMAND? ? OR - INSTRUCT???? OR REQUEST?)
S4	2183167	OPERATION? ? OR OPERAT??? OR ACTION? ? OR PROCEDURE? ? OR - PROCESS?? OR TASK? ? OR STEP? ? OR EVENT??
S5	601946	S4(4N)(DEFIN? OR DETERM? OR GENERAT? OR IDENTIFY? OR ASSES- S? OR FIND? ? OR FINDING OR SPECIF?)
S6	18212	(S2 OR S3)(4N)(MAP OR MAPPING OR MAPS OR MAPPED OR ASSOCIA- T? OR LINK? OR MATCH? OR CORRELAT? OR CORRESPOND? OR RELAT?)
S7	812783	WINDOW? ? OR GUI OR GRAPHICAL(USER)INTERFACE? ? OR BOX OR SCREEN? ? OR DISPLAY? ?
S8	219817	FOCUS???? OR FOCAL
S9	175034	INTERPRET?
S10	1835	S9(5N)(START? OR BEGIN? OR ACTIVAT? OR STARTUP OR START()UP OR LAUNCH?)
S11	12666	(S2 OR S3)(4N)(MONITOR? OR DETECT? OR SENS? OR ANALY? OR E- VALUAT? OR DETERMIN? OR FIND? ? OR FINDING)
S12	3934	MULTIMODAL OR MULTI()MODAL
S13	510512	USER? ? OR SPEAKER? ? OR CLIENT? ?
S14	37711	BROWSER? ?
S15	303	AU=(CROSS, C? OR CROSS C? OR WILSON, L? OR WILSON L? OR WO- ODWARD, S? OR WOODWARD S?)
S16	1	S15 AND S1
S17	0	S16 NOT AD=20031211:20070913/PR
S18	122	S1(S)S5
S19	18	S18(S)S6
S20	5	S19(S)S7
S21	4	S20(S)(S8 OR S9)
S22	3	S21 NOT AD=20031211:20070913/PR
S23	4	S19(S)S11
S24	1	S23 NOT S22
S25	1	S24 NOT AD=20031211:20070913/PR
S26	116	S1(10N)S3
S27	44	S26(10N)S4
S28	15	S27(S)S9
S29	0	S28(S)S12
S30	2	S28(S)S14
S31	2	S30 NOT (S22 OR S25)
S32	2	S31 NOT AD=20031211:20070913/PR
S33	29	S1(S)S8
S34	8	S33(S)S9
S35	8	S34 NOT (S32 NOT S22 OR S25)
S36	3	S35 NOT AD=20031211:20070913/PR
S37	78	S12(S)S1
S38	51	S37(S)(S3 OR S4)
S39	32	S38(S)S14
S40	9	S39 AND IC=G10L?
S41	9	S40 NOT (S32 NOT S22 OR S25 OR S36)

**22/2,K/1 (Item 1 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01593372

**Multi-modal picture**

**Multimodales Bild**

**Image multimodale**

PATENT ASSIGNEE:

Hewlett-Packard Company, (206033), 3000 Hanover Street, M/S 20BN, Palo Alto, CA 94304, (US), (Applicant designated States: all)

INVENTOR:

Belrose, Guillaume, 46 Montague Court, Montague Hill South, Bristol BS2 8HT, (GB)

LEGAL REPRESENTATIVE:

Squibbs, Robert Francis (36273), Hewlett-Packard Limited, IP Section, Building 3 Filton Road, Stoke Gifford, Bristol BS 34 8QZ, (GB)

PATENT (CC, No, Kind, Date): EP 1320043 A2 030618 (Basic)

APPLICATION (CC, No, Date): EP 2002258126 021126;

PRIORITY (CC, No, Date): GB 129788 011213

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 7

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030618 A2 Published application without search report

Withdrawal: 050921 A2 Date of withdrawal of application: 20050802

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200325	1635
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SPEC A	(English)	200325	8699
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Total word count - document A	10334
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Total word count - document B	0
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Total word count - documents A + B	10334
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...SPECIFICATION 4 holds voice service pages (text pages) that are marked-up with tags of a **voice - related markup** language (or languages). When a page is requested by the user 2, it is **interpreted** at a top level (dialog level) by a dialog manager 7 of the voice browser

...

...by speech recognition module 5 of the voice browser 3 and the dialog manager 7 **determines** what **action** is to be taken according to the received input and the directions in the original page. The voice input / output interface can be supplemented by keypads and small **displays**.

In general terms, therefore, a voice browser can be considered as a largely software device...

File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2007/UD=200756

(c) 2007 The Thomson Corporation

Set	Items	Description
S1	410	VXML OR VOICEXML OR (VOICE OR V)()XML OR (VOICE OR SPEECH)-(3N)(MARKUP OR MARK()UP)
S2	201606	VOICE OR SPEECH
S3	32838	S2(4N)(INPUT? ? OR INPUTTING OR INPUTTED OR COMMAND? ? OR - INSTRUCT???? OR REQUEST?)
S4	7071572	OPERATION? ? OR ACTION? ? OR PROCEDURE? ? OR PROCESS?? OR - TASK? ? OR STEP? ? OR EVENT??
S5	490001	S4(4N)(DEFIN? OR DETERM? OR GENERAT? OR IDENTIFY? OR ASSES- S? OR FIND? ? OR FINDING OR SPECIF?)
S6	18761	(S2 OR S3)(4N)(MAP OR MAPPING OR MAPS OR MAPPED OR ASSOCIA- T? OR LINK? OR MATCH? OR CORRELAT? OR CORRESPOND? OR RELAT?)
S7	2207259	WINDOW? ? OR GUI OR GRAPHICAL()USER()INTERFACE? ? OR BOX OR SCREEN? ? OR DISPLAY? ?
S8	225053	FOCUS???? OR FOCAL
S9	11518	INTERPRETAT?
S10	104	S9(5N)(START? OR BEGIN? OR ACTIVAT? OR STARTUP OR START()UP OR LAUNCH?)
S11	23479	(S2 OR S3)(4N)(MONITOR? OR DETECT? OR SENS? OR ANALY? OR E- VALUAT? OR DETERMIN? OR FIND? ? OR FINDING)
S12	1481	MULTIMODAL OR MULTI()MODAL
S13	970510	USER? ? OR SPEAKER? ? OR CLIENT? ?
S14	644	AU=(CROSS, C? OR CROSS C? OR WILSON, L? OR WILSON L? OR WO- ODWARD, S? OR WOODWARD S?)
S15	11	S14 AND S1
S16	9	S15 AND (S3 OR S5 OR S6)
S17	2	S16 NOT AD=20031211:20070913/PR
S18	135	S1 AND S3
S19	27	S18 AND S5
S20	12	S19 AND S6
S21	0	S20 AND S8
S22	2	S20 AND S9
S23	2	S22 NOT S17
S24	1	S23 NOT AD=20031211:20070913/PR
S25	0	S20 AND S7
S26	7	S20 AND S11
S27	7	S26 NOT (S17 OR S24)
S28	4	S27 NOT AD=20031211:20070913/PR
S29	57	S1 AND S7
S30	0	S29 AND S8
S31	1	S29 AND S9
S32	1	S31 NOT (S17 OR S24 OR S28)
S33	1	S32 NOT AD=20031211:20070913/PR
S34	135	S3 AND S8
S35	66	S34 AND IC=G10L?
S36	2	S35 AND BROWSER? ?
S37	2	S36 NOT (S17 OR S24 OR S28 OR S33)
S38	2	S37 NOT AD=20031211:20070913/PR
S39	3	S35 AND S9

S40 3 S39 NOT (S17 OR S24 OR S28 OR S33 OR S38)  
S41 3 S40 NOT AD=20031211:20070913/PR

**17/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0015107721 - Drawing available

WPI ACC NO: 2005-457200/200546

XRFX Acc No: N2005-371756

**Method of accessing extensible hypertext markup language plus voice web page, involves segmenting web page into several fragments each containing one of graphical user interface category or voice category**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: CHI C Y; SLIWA J J; SU H; **WILSON L R**; ZHAO S W

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050131911	A1	20050616	US 2003732007	A	20031210	200546 B

Priority Applications (no., kind, date): US 2003732007 A 20031210

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20050131911	A1	EN	11	3		

**Method of accessing extensible hypertext markup language plus voice web page, involves segmenting web page into several fragments each containing one of graphical user...**

...Inventor: **WILSON L R**

**Alerting Abstract** ...NOVELTY - An extensible hypertext **markup language plus voice web page requested** by a source, is segmented into several fragments, each fragment containing a graphical user interface...

...USE - For accessing extensible hypertext **markup language (XHTML) plus voice web page**, using mobile computing device, for web-based application

...

**Original Publication Data by Authority**

Inventor name & address:

... **Wilson, Leslie R**

**Original Abstracts:**

A method of accessing an Extensible Hypertext **Markup Language Plus Voice Web page** can include the step of receiving a request for an Extensible Hypertext **Markup Language Plus Voice Web page** from a source that lacks the ability to directly render the Web page...

**Claims:**

**1**. A method of accessing an Extensible Hypertext **Markup Language Plus Voice Web page** comprising the steps of:receiving a request for an Extensible Hypertext **Markup Language Plus Voice Web page** from a source that lacks the ability to directly render said Web page...